



CII

TE Internal #: 1-1617815-6

General Purpose Power Relay, DC, Polarized, Monostable, 1 Form X SPST-NO-DM, 50 A Contact Rating, 28 VDC Coil Voltage, Panel Mount

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Polarized, Monostable**

Contact Arrangement: **1 Form X SPST-NO-DM**

Current Type: **DC**

Contact Current Rating: **50 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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Configuration Features

Contact Arrangement	1 Form X SPST-NO-DM
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Electrical Characteristics

Coil Resistance	290 Ω
Contact Switching Voltage (Max)	115 VAC
Contact Current Rating	50 A
Coil Voltage Rating	28 VDC

Body Features

Enclosure Type	Hermetically Sealed
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Contact Features

Contact Material	Silver Cadmium Oxide
Terminal Plating	Tin-Lead

Termination Features

Main Termination & Connection Type	Stud Terminals
Coil Termination & Connection Type	Stud Terminals

Mechanical Attachment



Product Mounting Feature Type	Mounting Brackets
Product Mount Type	Panel Mount

Usage Conditions

Operating Temperature Range	-70 – 125 °C[-94 – 257 °F]
Environmental Ambient Temperature (Max)	125 °C[257 °F]

Operation/Application

Vibration Resistance	20G's, 75 – 3000Hz
Shock Resistance	50G's, 11ms
Coil Magnetic System	Polarized, Monostable
Current Type	DC

Other

Contact Current Class	>32 – ≤50 A
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Cd (10% in Component) Cadmium oxide (7.84% in Component) Pb (.13% in Component) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent



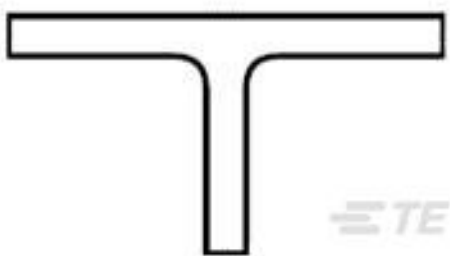
chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2-1617748-8
[FCA-125-22=M6106/19-022](#)

Customers Also Bought



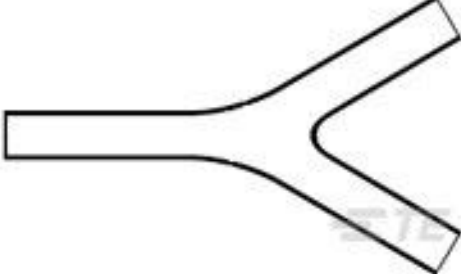
TE Part #819101-000
[301A512-51-0](#)



TE Part #ZPF0000000000000335
[006-0912-12 A](#)



TE Part #819115-000
[202F211-51-0](#)



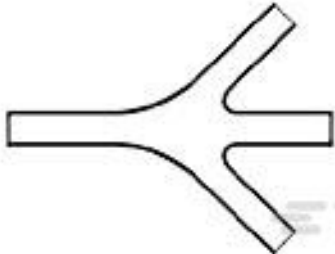
TE Part #819096-000
[381A301-51-0](#)



TE Part #819116-000
[202F221-51-0](#)



TE Part #819117-000
[202F232-51-0](#)



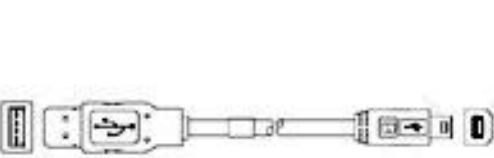
TE Part #819103-000
[462A421-51-0](#)



TE Part #298805-000
[202F263-51-0](#)



TE Part #819118-000
[202F242-51-0](#)



TE Part #1487597-1
[USB, A-B, 25/22, BLACK, 3.0M](#)

Documents



Product Drawings

FCA-150-KU3=50 AMP 1PST/NO DM RELAY

English

Datasheets & Catalog Pages

High_Performance_Relays_Section5

English

relays_brochure

English